



Tactical Training Theater Assessment & Planning Process (TAP)



EFDLANT Brief
12 June 2003



Agenda

- ❑ TAP Overview
- ❑ TAP Program Elements
- ❑ Cherry Point/Camp Lejeune
RCMP



Training Area Challenges

Pressures on naval training areas that continue to erode access & can ultimately impact readiness:

- ❑ New weapons & tactics outgrowing available area
- ❑ Ever-lengthening reach of environmental law/litigation
- ❑ Encroachment
- ❑ Aging, static infrastructure

Exacerbating conditions:

- ❑ No unified long-range planning
- ❑ Disjointed management structure
- ❑ Inadequate investment
- ❑ Scant public understanding





Tactical Training

Theater Assessment &

Planning (TAP)

A comprehensive, integrated process to sustain naval training assets & enhance mission readiness by:

- ❑ Reducing risk of limitations to range access
 - Documenting compliance with environmental laws
 - Identifying & mitigating encroachment
 - Finding & eliminating off-range contamination
 - Clearing ranges of expended ordnance & UXO
- ❑ Identifying capabilities required to sustain, upgrade & modernize naval training ranges & OpAreas

Goal is to ensure ability to “Train as we fight”



TAP Environmental Elements

- Range Complex Management Plan
- Range Sustainability Environmental Program Assessment
- Operational Range Clearance
- Environmental Impact Statement (EIS)/Overseas EIS (OEIS)
 - National Environmental Policy Act At Sea Policy Studies
 - Marine Mammal Protection Act Permit Analysis
 - Essential Fish Habitat Analysis
 - Coastal Consistency Determination
 - Cultural Resource Survey/Programmatic Agreement
 - Endangered Species Act Biological Assessment
 - Clean Air Act Conformity Analysis
 - Coral Reef Analysis
 - Range Air Installation Compatible Use Zones



Range Complex Management Plan (RCMP)

Environmental & investment planning

- ❑ Description of all range complex training areas
- ❑ Current range operations baseline
- ❑ Strategic vision on 10-year planning horizon
- ❑ Encroachment analysis
- ❑ Environmental & sustainable management plan
- ❑ Community outreach blueprint
- ❑ Range complex investment strategy



RCMP Environmental Plan

Blueprint for environmental coverage of all range complex operations outlined in strategic vision

- ❑ Inventory of all completed & in-work range complex environmental studies and permits
- ❑ Gap analysis to identify areas requiring further study

RCMP will feed directly into follow-on Comprehensive Range Complex EIS/OEIS

- ❑ Range complex operations baseline
- ❑ Purpose & Need Statements
- ❑ Description of Proposed Actions & Alternatives

RCMP will remain draft until action & mitigation measures from EIS ROD have been incorporated



RCMP Investment Strategy

Investment recommendations to:

- Mitigate encroachment pressures
- Bridge gap between current and desired range capabilities required to support strategic vision in an unconstrained operational environment

Examples of investment recommendations

- Additional environmental studies & sustainability programs
- Land, buffer zones, easements, airspace
- Facilities
- Instrumentation, targets, scoring & EW systems
- Enhanced command, control, communications



Range Sustainability Environmental Program

Assessment (RSEPA)

Environmental assessment & remediation (if necessary) of Navy land-based ranges:

- On-range environmental media compliance with RCRA, SDWA, CWA, CAA, etc.
- Off-range contamination and consequences
- Modeled after CERCLA process
- Range Condition Assessments (RCA) in POM
 - Past & current compliance with environmental regs
 - Environmental impacts of past & current range ops
 - Best Management Practice recommendations
- Comprehensive Range Evaluation (CRE)—field-testing, modeling, clean-up—if RCA finds need



Operational Range Clearance (ORC)

Clearance of UXO and munitions/target debris from land-based range impact areas

- Routine clearance to maintain target integrity & range safety
- “Legacy” clearance to reduce risk of off-range contamination
- NOT clean-up/remediation
- Demilitarized scrap disposal through qualified recycling program
- ORC dropped from POM-04 submission for lack of validated requirement
 - Fleets developing Navy-wide policy & requirements to justify resubmission in POM-06



Marine Species Density Data

Analyses to support compliance of Navy training at sea with applicable laws (NEPA, MMPA, ESA), regulations & executive orders (OEIS)

- ❑ **Marine Resource Assessment (MRA).** Comprehensive assessment of marine resources within a range complex:
 - Literature review & compilation of existing data on protected/managed species, habitats, physical environment, and other areas of concern
 - Identification of gaps in existing data
- ❑ **Marine Species Surveys (MSS).** Additional species distribution & abundance surveys to address data gaps identified in MRA.
- ❑ **At-Sea Compliance Analysis.** Potential impacts of current and future training within range complex on protected marine species.



TAP Implementation

- 1st: Generate Final Draft RCMP**
- 2nd: Conduct NEPA analysis for programmatic EIS/OEIS of current & envisioned range complex training operations & RDT&E**
- 3rd: ROD & finalize RCMP**
- 4th: Implement RCMP recommendations for range investments, mitigation measures, & sustainable management programs**
- 5th: Satisfy NEPA for major exercises, new weapons systems & operations with Record of Consideration**
- 6th: Update RCMP every 5 years**



TAP Initiatives

FY02

- ❑ RCMP prototypes: Cherry Point (CLF/LantDiv) & SOCAL (CPF/SWDiv)
- ❑ RSEPA guidance document (CPF/NavFac)
- ❑ RSEPA RCA prototypes: SOCAL, Fallon & VACAPES (CPF/NavFac)
- ❑ MRAs: VACAPES, Cherry Point, JAX, Charleston, Key West, GOMEX (CFFC/LantDiv)

FY03

- ❑ RCMP: VACAPES (CFFC/LantDiv)
- ❑ RSEPA RCA: Jacksonville (CNRSE & NAS Jacksonville/SouthDiv)
- ❑ ORC guidance document (CPF, CLF & EFDs/in-house)
- ❑ ORC prototype: Fallon (CPF/PacDiv)
- ❑ NEPA for Ranges guidance document (CNO/LantDiv)

FY04-06

- ❑ RCMPs/NEPA: JAX/Charleston, Key West & GOMEX (CFFC & CNRSE/ LantDiv & SouthDiv)



TAP Acquisition Status

- ❑ CLF & CPF decided to execute TAP Program via two 10-year, \$100M A&E contracts
 - LantDiv contract with Parsons (Prime) & SRS (Major Sub)
 - SWDiv contract with SRS/Parsons Joint Venture
- ❑ Contract scope will include all RCMPs, NEPA and At-Sea Policy Compliance studies
 - RSEPA, ORC, & MSS handled separately
- ❑ Contract awards expected June 03



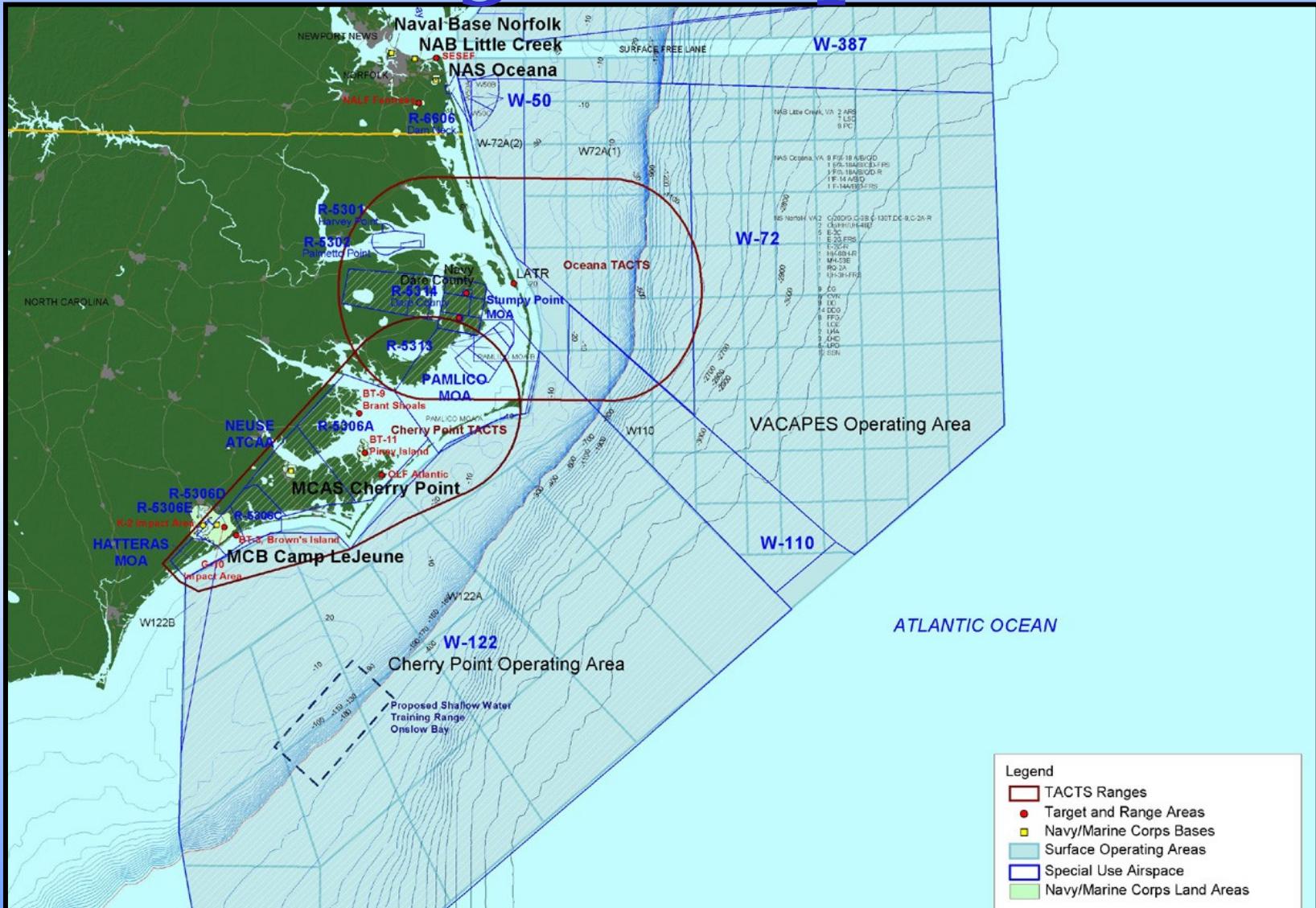
RCMP Prototype: Standardized Range Planning & Management Process



- Create consistent Navy & Marine Corps approach to analyze range operations & address vulnerabilities**
- Determine range capabilities required to support mission essential training**
- Develop Navy-wide guidance for range management, environmental compliance, investment planning**
- Establish range data protocols: Definitions, collection responsibility, required fields, IT architecture**



Cherry Point/Camp Lejeune Range Complexes





Cherry Point/Camp Lejeune

Land

120 sq nm

Airspace

20,590 sq nm

Water:

18,390 sq nm

Range Complexes

Navy Cherry Point Range Complex

- Cherry Point OPAREA
- W-122

MCAS Cherry Point Range Complex

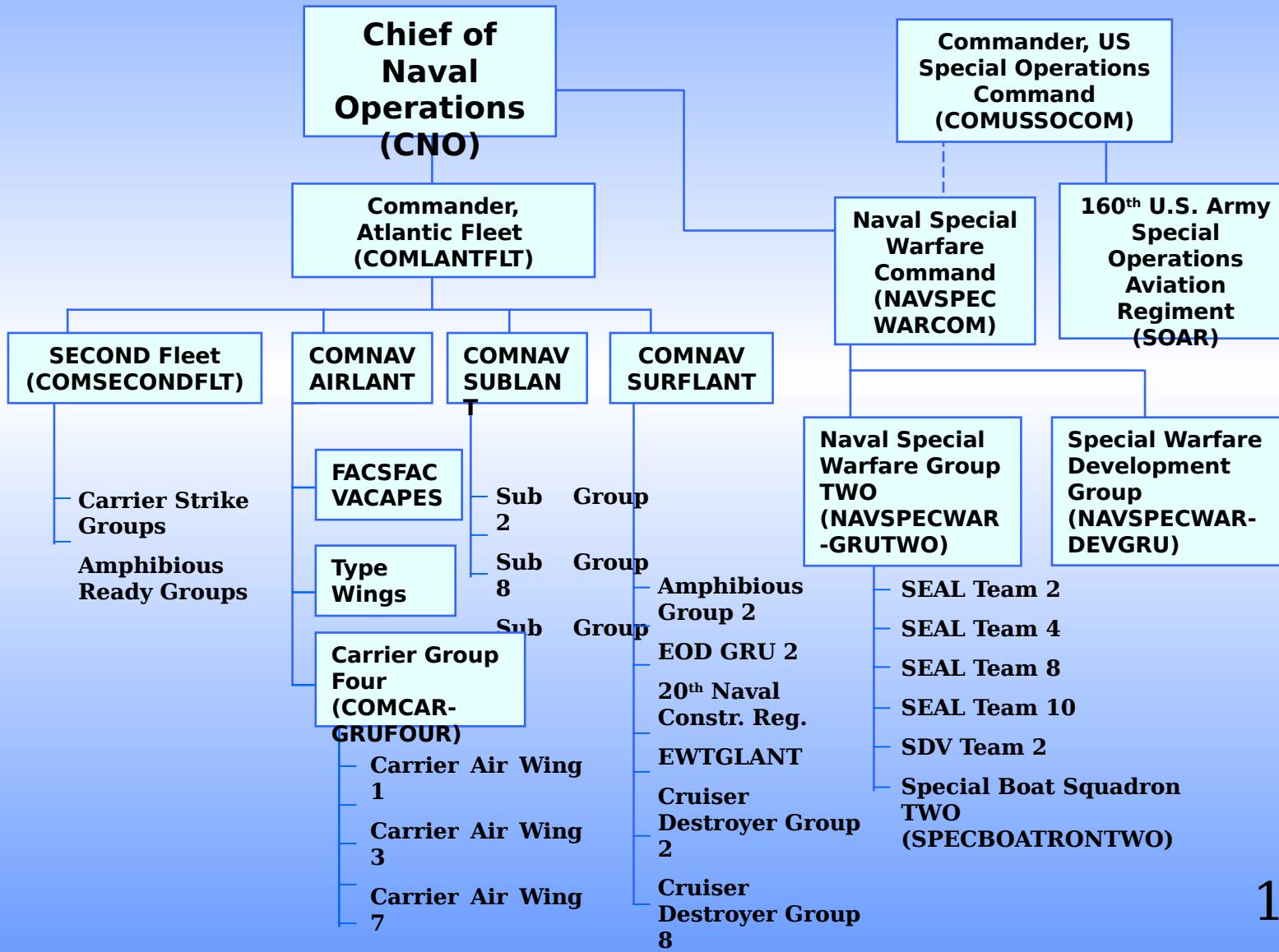
- BT-9, BT-11, MCOLF Atlantic, Oak Grove, MCALF Bogue
- Cherry Point TACTS and MAEWR (Navy Funding)
- Multiple Airspace and Low Level Routes

MCB Camp Lejeune Range Complex

- Greater Sandy Run Area Ranges
- BT-3, G-10, K-2 Impact Areas
- Other Ranges and Training Areas (Live fire, Training/maneuver, MOUT)
- Airspace and Low Level Routes

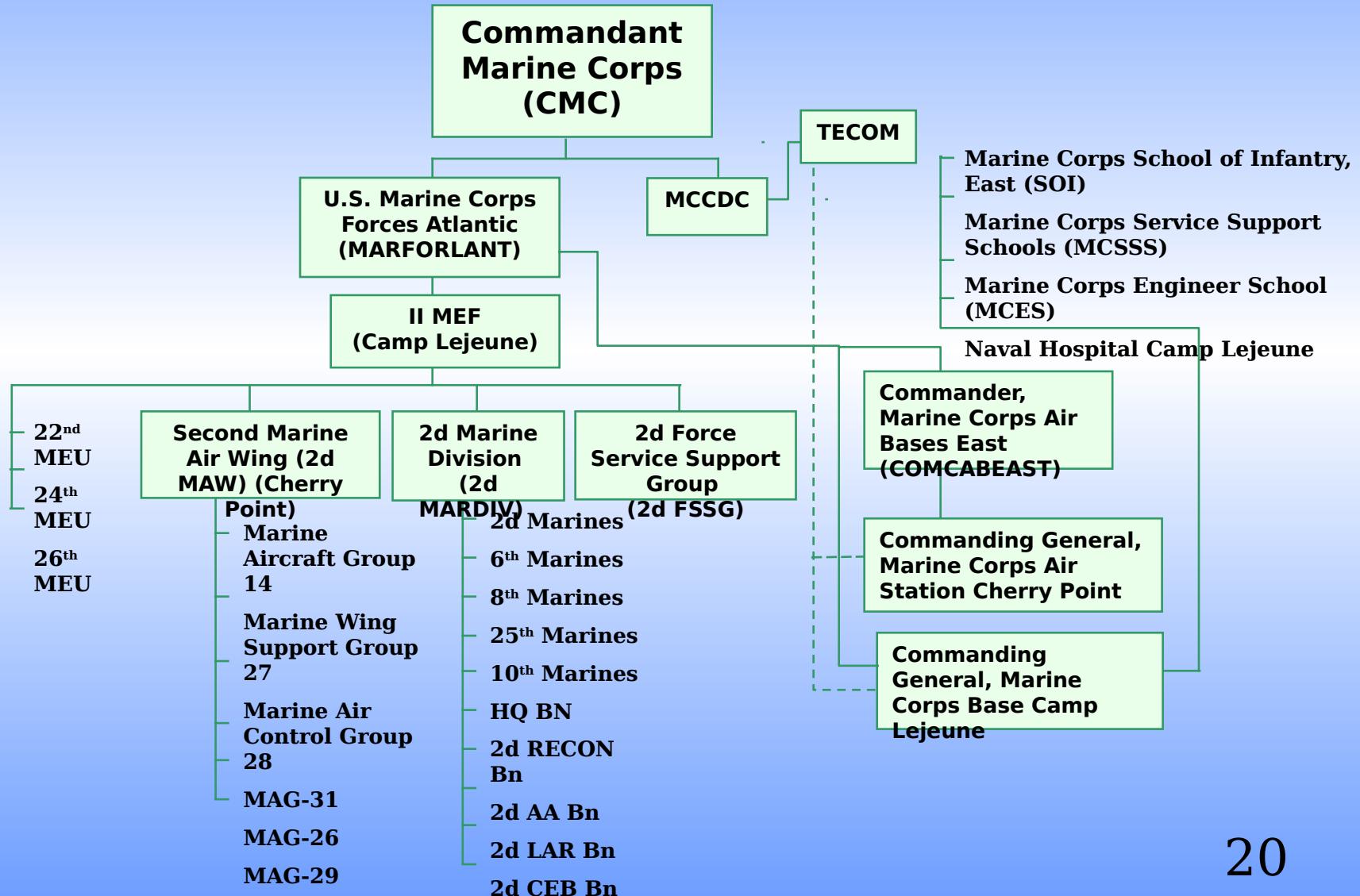


Range Complex Users— Navy





Range Complex Users— Marine Corps





Strategic Vision for CP/CL

To provide sustainable OpAreas, ranges & facilities for:

- Principle support & realistic OPFOR electronic threat replication for integrated training in Advanced Phase of IDTC/PTP
- Contributory support to Intermediate Phase of IDTC/PTP as an element of the Training Resource Strategy
- Support as a backyard range to naval aviation & Marine training in Basic & Qualification Phases of IDTC/PTP
- Expeditionary Maneuver Warfare training including OMFTS
- ASW & MIW training for ships, aircraft & submarines in a shallow water training environment
- Shore Fire Control Party spotter training
- Hosting joint training events as a component of emerging Joint National Training Capability (JNTC)
- Homeland security training in a maritime environment



Contract Final Products

Final Draft Cherry Point/Camp Lejeune RCMP

- ❑ Format ready to initiate NEPA analysis

Final RCMP Template

- ❑ Generic RCMP & business rules that incorporate lessons learned from developing the Cherry Point & SOCAL prototypes
- ❑ General applicability tested at Fallon Range Complex



Prototype RCMP Milestones

Jun 02: Contract award

Aug 02: Draft workplan

Sep 02: Final Workplan

May 03: Interim Draft Prototype
RCMP (75%)

Aug 03: Draft Prototype RCMP (100%)

Sep 03: Final Draft Prototype RCMP

Oct 03: Draft RCMP Template

Jan 04: Final RCMP Template



Conclusions

- ❑ **TAP is Navy's plan to sustain, upgrade, and modernize fleet training assets.**
- ❑ **RCMP will contain environmental blueprint, encroachment mitigations, and investment strategy to support naval range complex operations on a 10-year planning horizon.**
- ❑ **Navy will use Cherry Point/Camp Lejeune Prototype RCMP as a vehicle to standardize Navy range sustainable management and investment planning.**



Encroachment Pressures





Integrated Natural Resources Management Plan (INRMP)

Comprehensive plans developed with and approved by USFWS and state fish & wildlife agencies for managing natural resources on DOD properties consistent with the military mission:

- Conservation & rehabilitation of natural resources
- Sustainable multipurpose use of resources
- Public access subject to safety & security requirements

- ❑ Over 90% of military bases with significant natural resources already have INRMPs per Sikes Act
- ❑ DoD seeking Congressional authorization to substitute INRMPs for critical habitat designation



Navy Range Management System

Enterprise-level, web-enabled IT architecture to facilitate sustainable range management and operational/environmental planning

- ❑ Will draw operational, geographic & environmental data from distributed databases for envisioned outputs:
 - Unique or emergent reports (EIS, litigation)
 - Recurring requirements (exercises/encroachment mitigation)
 - Range scheduling
 - Tracking/reporting range use & readiness conditions
- ❑ Status: Navy Range Office project in envisioning phase
 - TAP range data will adhere to standardized format (GIS, ACCESS) to ensure future compatibility with NRMS